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FORM PTO-1062

Case Docket No. 811

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Honorable Commissioner of Patents and Trademarks
Washington, DC 20231

jc825 U.S. PTO
09/686217
10/11/00

UTILITY PATENT TRANSMITTAL LETTER

Transmitted herewith for filing the patent Application of
Inventor: Vinroy Pennington
For (Title): Emergency Urinal Kit

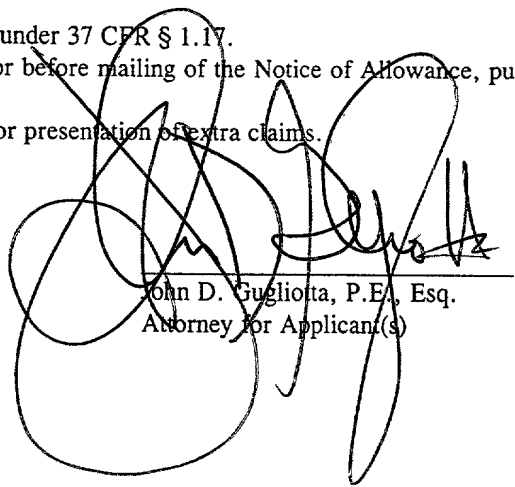
Enclosed are:

- ☒ 3 sheets of drawing;
- ☐ An assignment of the invention to _____;
- ☒ A certified copy of a Utility patent application;
- ☒ An associate power of attorney;
- ☒ A verified statement to establish small entity status under 37 CFR § 1.9 and 37 CFR § 1.27;
- ☒ And Information Disclosure Statement Transmittal [substitute for form PTO-1449], along with copies of the IDS citations.

The filing fee has been calculated as shown below:

Basic Filing Fee for Small Entity:	\$ 355.00
Filing Fee for Additional Claims (over 20)	\$ 0.00
Filing Fee for Additional Independent Claims (over 3)	\$ 0.00
Surcharge for Multiple Dependent Claim Presented	\$ 0.00
TOTAL	\$ 355.00

- ☐ Please charge my Deposit Account No.07-2380 in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.
- ☒ A check in amount of \$ 355.00 to cover the filing fee is enclosed.
- ☐ Please charge credit card account according to form PTO-2038, a completed copy of which is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.07-2380. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 CFR § 1.16.
 - ☒ Any patent application processing fees under 37 CFR § 1.17.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No.07-2380. A duplicate copy of this sheet is enclosed.
 - ☒ Any patent application processing fees under 37 CFR § 1.17.
 - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).
 - ☒ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.


John D. Gugliotta, P.E., Esq.
Attorney for Applicant(s)

PS: NO - POSTCARD

09/686217 404400

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Vinroy Pennington

Serial N°:

Filed:

Entitled: Emergency Urinal Kit

Docket N°: 811

Date: September 28, 2000

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) and 1.27(b) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.0(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled as above and described in

☒ the specification filed herewith

☐ application serial number _____, filed _____

☐ patent no. _____, issued _____

I/We have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9[®] if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I/We have assigned, granted, conveyed, or licensed or am under obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☒ no such person, concern, or organization

☐ persons, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entity. (37 CFR 1.27).

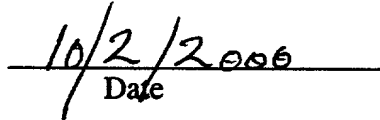
I/We acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28(b)).

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

SOLE OR FIRST INVENTOR:

Full Name of First Inventor: Vinroy Pennington

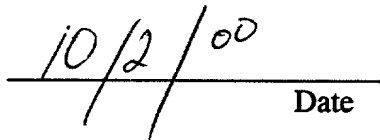

Signature of: Vinroy Pennington


Date

JOINT OR SECOND INVENTOR (IF ANY):

Full Name of Second Inventor: Aston Pennington


Signature of: Aston Pennington


Date

Utility Patent Application

CONFIDENTIAL INFORMATION

Patent Application based on: Docket No. 00-811

Inventor: Vinroy Pennington and Aston Pennington

Attorney: John D. Gugliotta, P.E., Esq.

EMERGENCY URINAL KIT

RELATED APPLICATIONS

The present invention was first described in Disclosure Document No. 474,309, filed on May 19, 2000. There are no previously filed, nor currently any co-pending applications, anywhere in the world.

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates generally to urine receptacles and the like and, more particularly, to a urine collection device in combination with a standard water hose connection for flushing and detachable inlet hoses capable of being carried in a pocket formed at the side of the device.

2. Description of the Related Art

Embarrassment is perhaps the worst aspect for people suffering from incontinence. Not only do accidents themselves cause embarrassment, the solution of incontinence pads or "adult diapers" leads to embarrassment as well. These pads are often bulky and can be clearly seen in outline form under one's clothes. Additionally, they are uncomfortable and hot to wear especially in warm weather. People who do not suffer from incontinence, but a weak bladder or frequent urination also suffer from similar problems. It is sometimes almost impossible to sleep or travel in a car due to the need to urinate frequently.

A search of the prior art did not disclose any patents that read directly on the claims of the instant invention; however, the following references were considered related.

The following patents disclose a garment for fixing a urine bag on a user.

U.S. Patent no. 5,935,116 issued in the name of *Kristensen*
U.S. Patent no. 4,421,509 issued in the name of *Schneider et al.*
U.S. Patent no. 4,173,979 issued in the name of *Odis*

The following patents describe a support system for a catheter leg bag.

U.S. Patent no. 5,865,821 issued in the name of *Lowey*
U.S. Patent no. 3,897,785 issued in the name of *Barto, Jr.*

U.S. Patent no. 5,735,837 issued in the name of *Ishikawa* discloses a

urine absorbent bag for male incontinence.

U.S. Patent no. 5,571,095 issued in the name of *Lu* describes a disposable urine bag for females.

U.S. Patent no. 4,511,358 issued in the name of *Johnson, Jr. et al.* discloses a urine bag carrier with a stretchable front panel.

And, U.S. Patent no. 4,387,726 issued in the name of *Denard* describes a disposable urine collection device for males.

Consequently, there exists a need for a means by which those who suffer from incontinence, a weak bladder or frequent urination can be afforded a solution to this problem in a manner which is inconspicuous to all of those around him.

SUMMARY OF THE INVENTION

Therefore, it is an object of the invention to provide for an improved urine receptacle for males.

It is a feature of the present invention to provide a urine collection device specifically adapted to conform in shape to the frontal contours of the wearer's body.

It is another feature of the present invention to provide a urine collection

device having a valved drain mechanism.

Briefly described according to one embodiment of the present invention, an emergency urinal kit is a urine collection system for people suffering from incontinence, people who are bedridden, or people who do not have easy access to restroom facilities, such as those who are traveling. The invention consists of a small rubber collection funnel, attached to a connecting hose and an inlet valve. The person simply places the collection funnel against the urination opening and relieves themselves. The rubber tube carries the urine to a flexible, soft plastic collection bag, where escaping air exits through an air relief valve. When finished, the user simply closes all valves. To empty the device, the user opens the air relief valve and an exit valve on the bottom. The device is then washed out and rinsed and stored in a carrying case for the next time it is needed. A carrying strap provides for easy transportation.

The use of the present invention allows or those unable to use a restroom or bathroom the ability to relieve themselves in a discrete manner that is quick, easy and effective

An advantage of the present invention is that it provides for a urine receptacle provides for a valved drain mechanism.

BRIEF DESCRIPTION OF THE DRAWINGS

The advantages and features of the present invention will become better understood with reference to the following more detailed description and claims taken in conjunction with the accompanying drawings, in which like elements are identified with like symbols, and in which:

FIG. 1 is a perspective view of an emergency urine kit according to the preferred embodiment of the present invention;

FIG. 2 is a side elevational view thereof,

FIG. 3 is a detailed partial elevational view of a receiver flushing port **32** for use with the present invention;

FIG. 4a is a male collector funnel **40** for use with the present invention; and

FIG. 4b is a female collector funnel **42** for use with the present invention; and

FIG. 4c is an alternate embodiment for a male collector funnel for use with the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

1. Detailed Description of the Figures

Referring now to FIG. 1-2, an emergency urinal kit, generally noted as **10**, is provided including a urine receptacle **12** in conjunction with a series of specifically adapted collector funnels **14**. According to the present invention, the urine receptacle **12** is formed of a centrally disposed collection receiver **16** having a front receiver surface **17a** parallel to and opposite a rear receiver surface **17b**. Each receiver surface **17a**, **17b** is anticipated as being a generally pliable vertical sidewall supporting a pocket **18** which forms an internal volume (not shown) and having an entry orifice releasably closed by a pocket flap **19**. Along the lower portion of the front receiver surface is a lower support hook **20**. Formed as a linear fabric strap or elastic cord, the lower support hook **20** is affixed at each end to the front receiver surface and forms a grasping loop allowing the user to support the urine receptacle **12** upon an available hook or similar environmental supportive structure. Along the upper portion of the rear receiver surface **17b** is an upper support hook **21**. Similarly formed as a linear fabric strap or elastic cord, the upper support hook **21** is affixed at each end to the rear receiver surface **17b** and forms a grasping loop allowing the user to support the urine receptacle **12** upon an available hook or similar environmental supportive structure.

Along the lowermost seam of the collection receiver **16** is a receiver

discharge **26** in fluid communication with the internal volume of the collection receiver **16**. Terminating the receiver discharge **26** is a discharge valve **28** for controllably releasing the contents of the collection receiver **16**. Along the uppermost seam of the collection receiver **16** is a collection conduit **30** and a receiver flushing port **32**. The collection conduit **30** is in fluid communication with the internal volume of the collection receiver **16**, and has a releasable connection **34** for connection with any of the series of specifically adapted collector funnels **14**. The collection conduit **30** is envisioned as a linearly elongated plastic tube or hose for allowing easy, general manipulation of the collector funnels **14** and allows for collection and transmission of urine to the collection receiver **16**.

In conjunction with FIG. 3, a receiver flushing port **32** is shown in greater detail. A receiver nozzle **36** forms a means of fluid communication with the internal volume of the collection receiver **16**. The receiver nozzle **36** forms an internal female thread **37** for threadably engaging with a conventionally available garden hose. In this manner, the interior volume of the collection receiver **16** can be thoroughly flushed and rinsed adequately and easily with water after, before, or between uses. A sealing cap **38** forms a plug having male threads **39** for threadably engaging with the internal female threads **37** to seal the collection

receiver **16** during use.

Further, a support attachment **50** is designed as a hanger/carrier for hand carrying or to hang about a user's neck.

Finally, in FIG. **4a**, FIG. **4b**, and a pair of a male collector funnel **40** and female collector funnel **42** are shown, respectively, forming typical members of the specifically adapted collector funnels **14**. It is envisioned that the collector funnels **14** would be formed such as to be easily and inexpensively disposable. The male collector funnel **40** forms a cylindrical sidewall. In an alternate embodiment, as shown in FIG. **4c**, the sidewall is formed of a flexible membrane **43** that is rollable. In this manner, the sidewall can be stored in a compact, rolled condition and deployed by "unrolling" the flexible sidewall. This is especially useful for bedridden or infirm individuals. In either case, the interior volume of the male collector funnel **40** is in fluid communication with a drain tube **44** for connection with the collection conduit **30**. The female collector funnel **42** forms a rigid sidewall **45** terminating at the upper end in an upper sealing ridge **47**. The upper sealing ridge **47** forms a contoured upper edge for specifically adapted to seal against the user's body when pressed against the user's groin, forming an easy collection point for communication of urine to a drain tube **44** for connection with the collection conduit **30**.

2. Operation of the Preferred Embodiment

The use of the present invention allows men suffering form mild cases of incontinence the ability to lead a normal lifestyle in a manner that is quick, easy and effective. The invention provides a means for those males who cannot quite
5 make to a restroom before urination begins. After use, the collection receiver
16 can be completely and thoroughly rinsed with water.

As designed, a device embodying the teachings of the present invention is easily applied. The foregoing description is included to illustrate the operation of the preferred embodiment and is not meant to limit the scope of the invention.
10 As one can envision, an individual skilled in the relevant art, in conjunction with the present teachings, would be capable of incorporating many minor modifications that are anticipated within this disclosure. Therefore, the scope of the invention is to be broadly limited only by the following claims.

CLAIMS

What is claimed is:

1. An emergency urinal kit comprising:

a urine receptacle; and

a series of specifically adapted collector funnels, each said collector funnel for interchangeable connection with said urine receptacle for provide fluid communication thereto.

2. The emergency urinal kit of Claim 1, wherein said urine receptacle is formed of a centrally disposed collection receiver having a front receiver surface parallel to and opposite a rear receiver surface, each said receiver surface supporting a pocket forming an internal volume and having an entry orifice releasably closed by a pocket flap.

3. The emergency urinal kit of Claim 2, further comprising:

a lower support hook affixed along the lower portion of the front receiver surface, said lower support hook forming a linear fabric strap affixed at each end to the front receiver surface and forms a grasping loop allowing the user to support the urine receptacle; and

a upper support hook affixed along the upper portion of the rear receiver surface, said lower support hook forming a linear fabric strap affixed at each end to the rear receiver surface and forms a grasping loop allowing the user to support the urine receptacle.

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4. The emergency urinal kit of Claim 1, wherein a discharge orifice is affixed along a lowermost seam of the collection receiver, said receiver discharge in fluid communication with the internal volume of the collection receiver; and

a discharge valve terminating said receiver discharge for controllably releasing the contents of the collection receiver.

10

5. The emergency urinal kit of Claim 1, further comprising a collection conduit along an uppermost seam of the collection receiver, said collection conduit in fluid communication with the internal volume of the collection receiver and has a releasable connection for connection with any of said collector funnels.

15

6. The emergency urinal kit of Claim 5, further comprising:
a receiver flushing port formed of a receiver nozzle forming a means of

fluid communication with the internal volume of the collection receiver, and
having an internal female thread for threadably engaging with a conventionally
available garden hose; and

a sealing cap forming a plug having male threads for threadably engaging
with the internal female threads to seal the collection receiver.

7. The emergency urinal kit of Claim 1, further comprising:
a support attachment affixed to said urine receptacle.

8. The emergency urinal kit of Claim 1, wherein said collector funnels
include:
a male collector funnel; and
a female collector funnel.

9. The emergency urinal kit of Claim 8, wherein said male collector funnel
forms a cylindrical flexible membrane that has a rollable sidewall and is in fluid
communication with a drain tube for connection with the collection conduit.

10. The emergency urinal kit of Claim 8, wherein said female collector funnel

forms a rigid sidewall terminating at the upper end in an upper sealing ridge forming a contoured upper edge specifically adapted to seal against the user's body when pressed against the user's groin, said female collector funnel in fluid communication with a drain tube for connection with the collection conduit.

REF: 00-811

ABSTRACT OF THE DISCLOSURE

An emergency urinal kit is provided having a urine receptacle and a series of specifically adapted collector funnels, each said collector funnel for interchangeable connection with said urine receptacle for provide fluid communication thereto. The collector funnels include a male collector funnel and a female collector funnel. The male collector funnel forms a cylindrical flexible membrane that has a rollable sidewall and is in fluid communication with a drain tube for connection with a collection conduit. The female collector funnel forms a rigid sidewall terminating at the upper end in an upper sealing ridge forming a contoured upper edge specifically adapted to seal against the user's body when pressed against the user's groin, and is in fluid communication with a drain tube for connection with a collection conduit.

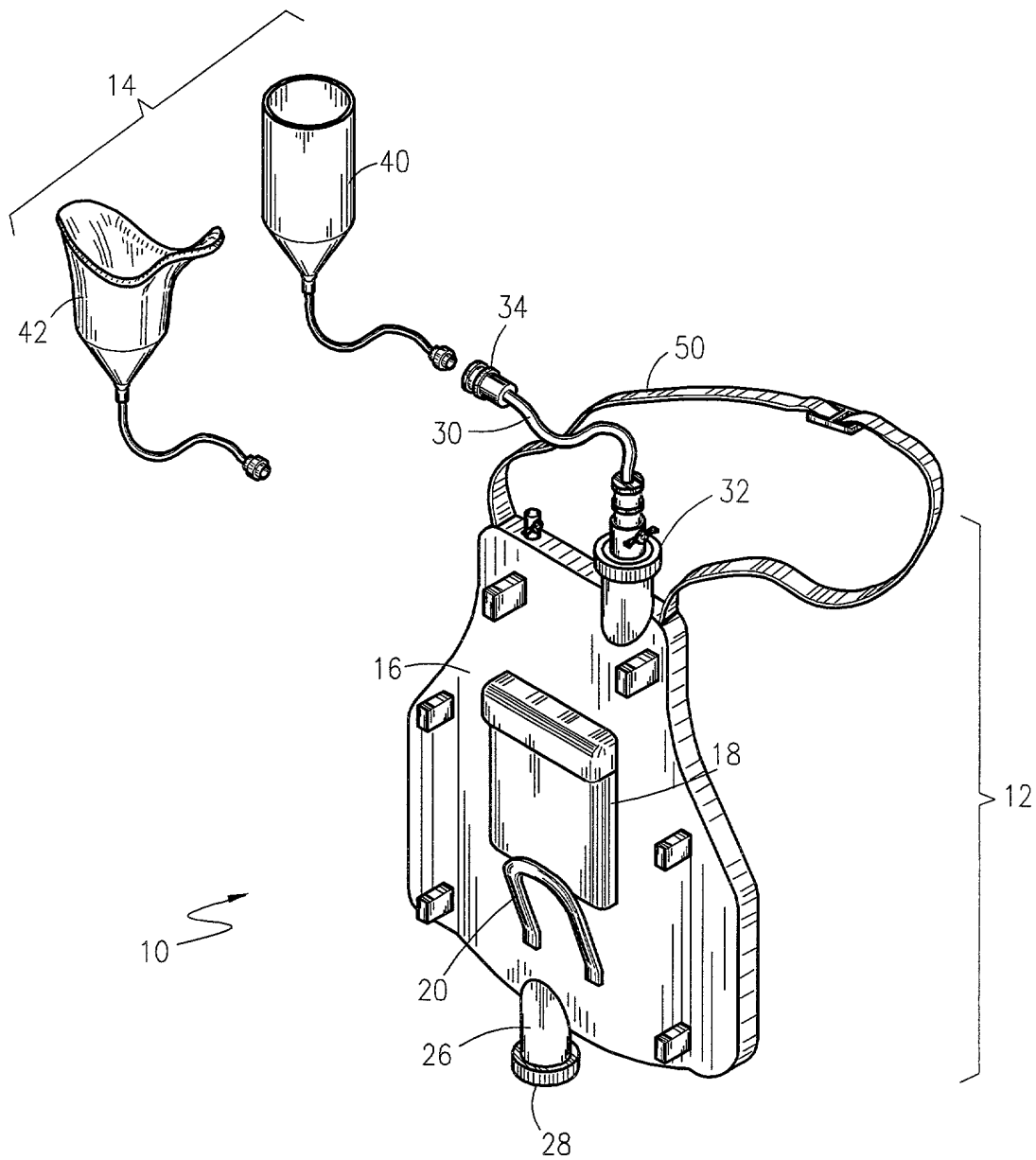


Figure 1

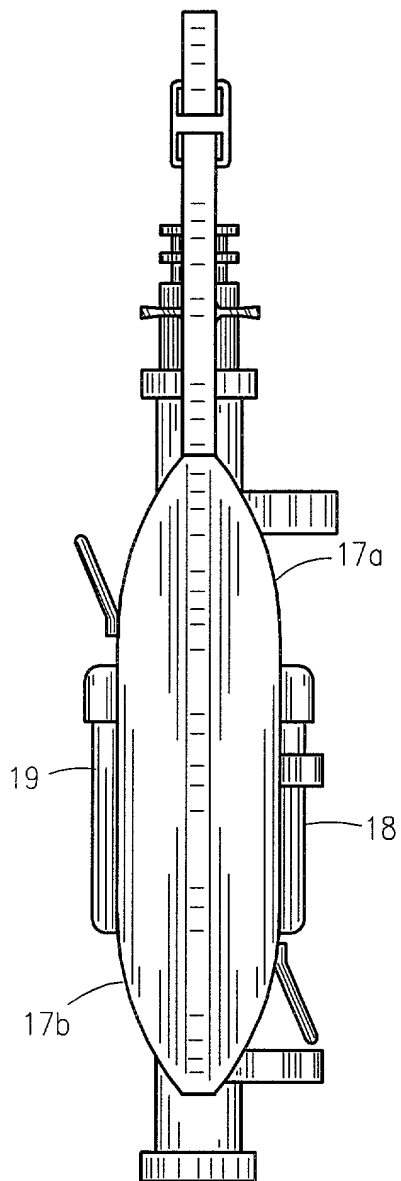


Figure 2

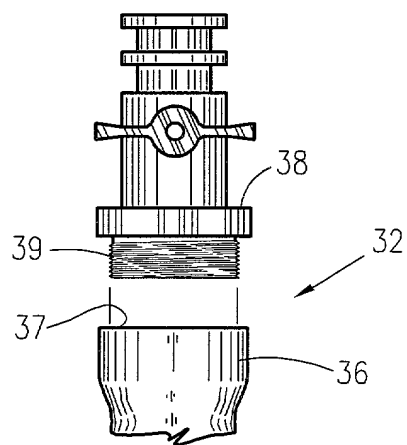


Figure 3

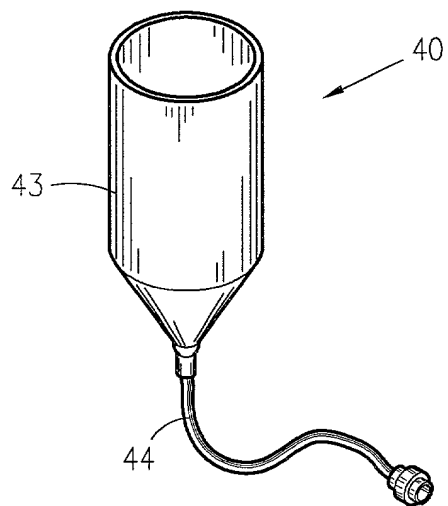


Figure 4a

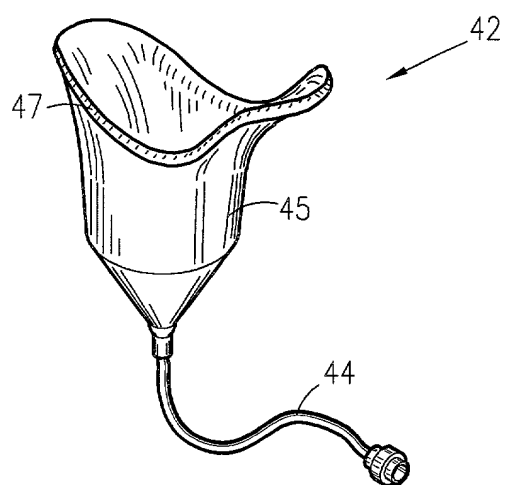


Figure 4b

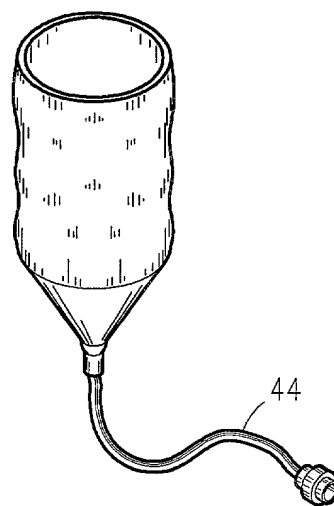


Figure 4c

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Vinroy Pennington

Serial N°:

Filed:

Entitled: Emergency Urinal Kit

Docket N°: 811

Date: September 28, 2000

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I/We hereby declare that:

My/Our residence, post office address(es) and citizenship(s) are as stated below next to my/our name(s).

I/We believe I/We am/are the original, first and sole inventor of the subject matter which is claimed (if only one name is listed below) or an original, first and joint inventor of the subject matter which is claimed (if plural names are listed below) and for which a patent is sought on the invention entitled **Emergency Urinal Kit**, the specification of which is attached hereto.

I/We further state that I/We do not know and do not believe that the above-named invention has ever been known or used in the United States before my invention thereof, or patented or described in any printed publication in any country before my invention thereof, or more than one year prior to this application, or in public use or on sale in the United States more than one year prior to this application; that the invention has not been patented or made the subject of any inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than six (6) months prior to this application; and that no application for patent or inventor's certificate on the invention has been filed by me or my representatives or assigns in any country foreign to the United States except as identified below.

I/We hereby state that I/We have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment if applicable.

I/We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I/We hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None.

I/We hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112. I/We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

None.

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I/We hereby appoint the following Patent Attorney, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

John D. Gugliotta, P.E., Esq., Registration No. 36,538

I/We hereby request that all correspondence be directed to: **Law Offices of John D. Gugliotta, P.E., Esq., 202 Delaware Building, 137 South Main Street, Akron, OH 44308** which is also the address of the above-listed attorneys; and that all telephone calls be directed to (330) 253-5678.

SOLE OR FIRST INVENTOR:

Full Name of First Inventor:

Vinroy Pennington

Signature of: Vinroy Pennington

10/2/2000
Date

Residence of: Vinroy Pennington, Wurtsboro, NY

Citizenship of: Vinroy Pennington, UNITED STATES

Post Office Address of: Vinroy Pennington, P.O. Box 1126 Wurtsboro, NY 12790

JOINT OR SECOND INVENTOR (IF ANY):

Full Name of Second Inventor: Aston Pennington:

Aston Sinclair Pennington

Signature of: Aston Pennington

10/2/00
Date

Residence of: Aston Pennington: , Wurtsboro, NY

Citizenship of: Aston Pennington: , UNITED STATES

Post Office Address of: , P.O. Box 1126 Wurtsboro, NY 12790